

DECLARATION FOR PATENT APPLICATION

Docket Number (Optional)

AFD 602

As per below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole (or joint) inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled PROGRAMMABLE MULTI-CHANNEL AMPLITUDE AND PHASE SHIFTING CIRCUIT, the specification of which is attached hereto unless the following box is checked:

was filed on _____ as United States Application Number or PCT International Number _____ and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s) Priority Claimed

(Application Number) Country (Day/Month/Year Filed) Yes No

(Application Number) Country (Day/Month/Year Filed) Yes No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/438,941 January 7, 2003
(Application Number) (Filing Date)

(Application Number) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Gina S. Tollefson, Reg. No. 39,049, Gerald B. Hollins, Reg. No. 25,452 and Thomas L. Kundert, Reg. No. 27,247

Address all telephone calls to GINA S. TOLLEFSON at telephone number (937) 255-2838

Address all correspondence to AFMCLO/JAZ, Bldg 11, Room 100

2240 B Street

Wright-Patterson AFB OH 45433-7109

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) KEITH W. JONES

Inventor's signature Keith W. Jones Date: 13 Jan 2004

Residence 17128 Buffalo Valley Path, Monument CO 80132 Citizenship: U.S.A.

Post Office Address Same as residence

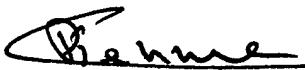
Additional inventors are being named on separately numbered sheets, attached hereto.

DECLARATION FOR PATENT APPLICATION (Page 2)

Docket Number (Optional)

AFD 602

Full name of second inventor (given name, family name) CHRISTOPHE PIERRE

Second inventor's signature 
Residence 2344 Weber Drive, Dexter MI 48130
Post Office Address Same as residence

Date: May 17, 2004
Citizenship U.S.A.

Full name of third inventor (given name, family name) STEVEN L. CECCIO

Third inventor's signature 
Residence 4650 Midway Drive, Scio Township, MI 48103
Post Office Address Same as residence

Date: May 17, 2004
Citizenship U.S.A.

Full name of fourth inventor (given name, family name) JOHN JUDGE

Fourth inventor's signature
Residence 1114 Lake Heron Drive Apt 1C, Annapolis MD 21403
Post Office Address Same as residence

Date: _____
Citizenship U.S.A.

Full name of fifth inventor (given name, family name) STEVE FUCHS

Fifth inventor's signature
Residence _____
Post Office Address Same as residence

Date: _____
Citizenship U.S.A.

DECLARATION FOR PATENT APPLICATION (Page 2)

Docket Number (Optional)

AFD 602

Full name of second inventor (given name, family name) CHRISTOPHE PIERRE

Second inventor's signature
Residence 2344 Weber Drive, Dexter MI 48130
Post Office Address Same as residence

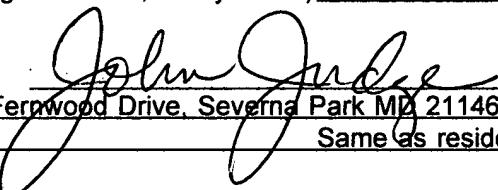
Date: _____
Citizenship U.S.A.

Full name of third inventor (given name, family name) STEVEN L. CECCIO

Third inventor's signature
Residence 4650 Midway Drive, Scio Township, MI 48103
Post Office Address Same as residence

Date: _____
Citizenship U.S.A.

Full name of fourth inventor (given name, family name) JOHN JUDGE

Fourth inventor's signature

Residence 310 Fernwood Drive, Severna Park MD 21146
Post Office Address Same as residence

Date: 5/25/04
Citizenship U.S.A.

Full name of fifth inventor (given name, family name) STEVE FUCHS

Fifth inventor's signature
Residence 4390 Baker Road, Dayton OH 45424
Post Office Address Same as residence

Date: _____
Citizenship U.S.A.

DECLARATION FOR PATENT APPLICATION (Page 2)

Docket Number (Optional)

AFD 602

Full name of second inventor (given name, family name) CHRISTOPHE PIERRE

Second inventor's signature _____ Date: _____
Residence 2344 Weber Drive, Dexter MI 48130 Citizenship U.S.A.
Post Office Address Same as residence

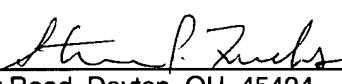
Full name of third inventor (given name, family name) STEVEN L. CECCIO

Third inventor's signature _____ Date: _____
Residence 4650 Midway Drive, Scio Township, MI 48103 Citizenship U.S.A.
Post Office Address Same as residence

Full name of fourth inventor (given name, family name) JOHN JUDGE

Fourth inventor's signature _____ Date: _____
Residence 1114 Lake Heron Drive Apt 1C, Annapolis MD 21403 Citizenship U.S.A.
Post Office Address Same as residence

Full name of fifth inventor (given name, family name) STEVE FUCHS

Fifth inventor's signature  Date: 16 APR 04
Residence 4390 Baker Road, Dayton OH 45424 Citizenship U.S.A.
Post Office Address Same as residence